APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Absorption and Evolution of Hydrogen in Iron at High Temperatures, by F. Pihlstrand.

SWEDISH, per, Jernkontorets Annales, Vol CXXI, No 5, 1937, pp 219-231.

BISI 2224

Sci - Chem

Sep 61

170,100

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Grinding Microscopic Specimens on Lead Disc With Fixed Abrasives, by K. Amberg

SWEDISH

[redacted], Jernkontorets Annaler, Vol CXXI, 1937, pp 603-614.

Brutcher No 572

$1.20

Scientific - Engineering

12.371

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

The Value of Charcoal for Blast Furnace Operation,
by H. Bergstrom.
SWEDISH, Jer. Jernkon. Ann. Vol 122, No 6, 1938,
pp 221-242.
BISI 7248

Sci/ Materials
Sept 69

393,040

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Linings for the High Frequency Furnace, by B. Stalhane, V. Anderson.

SWEDISH

GERMAN, Jernkontorets Annaler, Vol CXXIII, 1939.

Brutcher Tr No 833

$7.70

Scientific - Minerals/Metals

12,328

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Investigation of the Penetration of Steel in Moulding Sand, by H. Pettersson. UHL

SWEDISH, per, Jernkontorets Ann, Vol CXXIV, 1940, p 40.

British Iron and Steel Inst
(no number given)

Ded - Min/Met
Sep 59

98 330

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Averstad, J.

AUTOGENOUS BEBEAMING FOR REMOVING SURFACE DEFECTS FROM INGOTS AND BLOOMS.
[1961] 7p. (4 figs. omitted)
Order from SLA $1.10

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1940 [v. 124] no. 5, p. 212-224.

DESCRIPTORS: Steel castings, Surface properties, Processing, Fracture (Mechanics), Oxygen, Cutting torches, Economics, Castings.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 5)

J. Averstad, J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Carbonising in Charcoal Kilns and Local Small-scale Charcoal Burning, by H. Bengtsson.
SVENSK, Ber, Jernkon. Ann., Vol 124, No 6, 1940, pp 265-273.
BISI 7249

sci./ materials
oct 69

394,295

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Phragmen, G. and Treje, R.
A COMPARATIVE INVESTIGATION OF METHODS OF DETERMINING THE NITROGEN CONTENT IN STEEL AND IN ALLOYS. [1961] [22]p. 86 refs.
Order from SLA $2.60 61-18520

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1940, v. 124, no. 9, p. 511-531.

DESCRIPTORS: *Steel, *Chemical analysis, *Iron, *Nitrogen, Determination.

(Unannounced)

61-18520

I. Phragmen, G.
II. Treje, R.

184084

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Petrén, J.
AN INVESTIGATION OF THE REDUCIBILITY OF LAKE AND BOG ORES IN COMPARISON WITH THAT OF HEMATITE AND MAGNETITE ORE. [1961] 10p. 61-18541
Order from SLA $1.10

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1940, v. 124, no. 11, p. 589-599.

DESCRIPTORS: *Ores, *Iron, *Magnetite, Sources, Metallurgical analysis.

(Unannounced)

61-18541

1. Petrén, J.

184092

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Methods for the Production of Metals and Ferro-Alloys, Particularly Under Swedish Conditions, by Axel Lindblad, Bo. Kalling, 18 pp.

SWEDISH, per, Jernkontorets Annaler, Vol CXXV, 1941, pp 333-422.

S.L.A. Tr No 304/1955

44,955

Sci - Minerals/Metals
Jan 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Nathorst, Helmer.
THE MANUFACTURE OF TOOL STEEL IN THE UNITED STATES. [1961] 28p. (9 figs. omitted).
Order from SLA $2.50 61-18467

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1941, v. 125, no. 12, p. 663-694.

DESCRIPTORS: *Tool steel, *Manufacturing methods, Steel industry.

(Unannounced)

61-18467

I. Nathorst, H.

184053

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Influence of Manganese and Silicon Upon the Quantity of Carbon Dissolved in as-annealed Steel, by Carl Benedicks.

SWEDISH
GERMAN, Jernkontorets Annaler, Vol CXXVI, 1942.

Brutcher Tr 1584

Scientific - Min/Metals $2.50

12,694

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Hultgren, Axel and Edström, Olov.
GRAPHITISATION OF MARTENSITE ON HEATING.
[1961] 14p. (2 figs. omitted) 16 refs.
Order from SLA $1.60 61-18485

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1942, v. 126, no. 3, p. 83-107.

DESCRIPTORS: *Martensite, *Heating, *Cast iron, *Graphite, Iron castings, Castings.

(Unannounced)

61-18485

I. Hultgren, A.
II. Edström, O.

184060

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Electrolytic Polishing and its Applicability in the Preperation of Metallographic Specimens, by E. Lowgren and G. Hildebrand, 13 pp.

SWEDISH, per, Jernkontorets Ann, Vol CXXVI, No 4, 1942, pp 131-142. (Loan Copy Only).

SLA 57-3018

Sci

Aug 58

71,423

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

NATHORST, H. Modern permanent-magnet materials.
Jernkont.Annlr 126(10):471-525 (1942) (CRL/T. 4001x)

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

An Etching Method for Identifying Lead in Microstructure of Free-Cutting Steel Alloyed With Lead, by A. von Vegesack. UNCL

SWEDISH, per, Jernkont Ann, Vol CXXVI, 1942, pp 559-567.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

93419

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Hamos, L. von.
THE ELECTROLYTIC POLISHING OF METALS FOR MICROSCOPICAL INVESTIGATIONS. Feb 44, 18p. (2 figs. omitted) 2 refs.
Order from SLA $1.60 61-18455

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1942, v. 126, no. 12, p. 568-590.

DESCRIPTORS: *Electrolytic polishing, Steel, Stainless steel, Copper, Brass, Aluminum.

(Unannounced)

61-18455

1. Hamos, L. von.

184046

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Mörtsell, Sture and Villner, P. Vilhelm.
FINE-SCREENING INVESTIGATIONS, 1. [Feb 44]
23p. (9 figs omitted) 10 refs.
Order from SLA $2.60 61-18519

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)
1943, v. 127, no. 4, p. 98-128.

DESCRIPTORS: *Strainers, Test results, Grains (Metallurgy), Ores, Powder metallurgy.

(Unannounced)

61-18519

I. Mörtsell, S.
II. Villner, P. V.

184083

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Spectroanalysis of Molybdenum and Tungsten in Ores, by C. G. [redacted] Carlsson

Swe Dist

[redacted], per, Jernkontorets Annaler, Vol CXXVII, No 11, 1943.

Brutcher No [redacted] 1797
$5.55

Scientific - Min/Metals

19,609

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Kjerrman, Hans.
A TEST METHOD FOR THE INDIRECT DETERMINATION OF HYDROGEN IN STEEL. [1961] 10p.
(3 figs. omitted).
Order from SLA $1.10 61-18549

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)
1944, v. 128, no. 1, p. 1-12.

DESCRIPTORS: *Steel, Chemical analysis, *Hydrogen, Determination, Test methods, Hydrogen embrittlement.

(Unannounced)

61-18549

I. Kjerrman, H.

184095

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Öhman, Einar.
THE CARBIDES IN THE IRON-MANGANESE-CARBON SYSTEM. [1961] 3p.
Order from SLA $1.10. 61-18551

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1944, v. 128, no. 1, p. 13-16.

DESCRIPTORS: *Carbides, *Radiographic analysis, Iron, Manganese, Carbon, Single crystals, Alloys.

(Unannounced)

61-18551

1. Öhman, E.

184096

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Electrolytic Polishing of Very Small Surface Areas, by E. Knuth-Winterfeld, 7 pp.

SWEDISH, per, Jernkontorets Ann, Vol CXXVIII, No 2, 1944, pp 77-80. (Loan Copy Only).

SLA 57-3017

Sci

Aug 58

71,420

Dol

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Villner, Lars and Norrö, Allan.
FURNACE ATMOSPHERES IN ARC FURNACES AND THEIR EFFECT ON THE HYDROGEN AND NITROGEN CONTENTS OF THE STEEL. [1961]
27p. 16 refs.
Order from SLA $2.60 61-18544

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1944, v. 128, no. 3, p. 105-134.

DESCRIPTORS: *Electric furnaces, *Steel, Hydrogen embrittlement, Nitrogen, Chemical analysis.

(Unannounced)

61-18544

I. Villner, L.
II. Norrö, A.

184094

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Application of Electron Microscope in Metallography, by H. Mahl, 7 pp.

SWEDISH, per, Jernkontorets Ann, Vol CXXVIII, No 4, 1944, pp 160-164. (loan copy only)

SLA 57-2790

Sci
Aug 58

70,878

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Helmer, Govert.
SURFACE DEFECTS ON INGOTS AND BILLETS.
[1963] 61p. 23 refs.
Order from SLA $6.60 63-16852

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1944, v. 128, no. 9, p. 457-520.

DESCRIPTORS: *Steel, Porosity, *Castings, Surfaces, Fracture (Mechanics), Molding, Molding materials, Hot working, Friction.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 8)

63-16852

1. Title: Ingot structure
2. Title: Billets
I. Helmer, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

On the Relation Between the Hydrogen Content in Iron, Temperature and Hydrogen Equilibrium Pressure, by G. Phragmen.
SWISS, per, Jernkont. Ann. Vol 128, No 10, 1944, pp 537-552.
BISI 4901

Sci-M&M
Jul 66

306,201

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Primary Etching of Steel for Segregation Structure,
by K. Amberg, A. Hultgren

SWEDISH

[redacted], Jernkontorets Annaler, Vol CXXIX, 1945, No 6,
pp 293-295.

Brutcher No 1773

$1.80

Scientific - Minerals/Metals

12,374

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Nord, A. and Lundquist, S
THE MISCIBILITY GAP IN THE Fe-S-C SYSTEM AT CARBON SATURATION IN THE 1300-2000°C. TEMPERATURE RANGE. [Jan 47] 6p. (4 fig. omitted) 4 refs.
Order from SLA on $1.80, ph $1.80 60 18677

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1946, v. 130, no. 3, p. 118-126.

142,823

(Unannounced)

60 18677

1. Carbon iron alloys - Phase studies
2. Iron sulfur systems - Phase studies
3. Sulfur - Diffusion
I Nord, A
II Lundquist, S

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Temperature Measuring in Molten Steel (Excerpts),
by Sven Forsander

SWEDISH
~~Swed~~, per, Jernkontorets Annaler, Vol I, No 7,
1947, pp 218-225, 237-239.

3
S.L.A. Tr Pool

M Scientific - Minerals/Metals
CTS/DEX

14,348

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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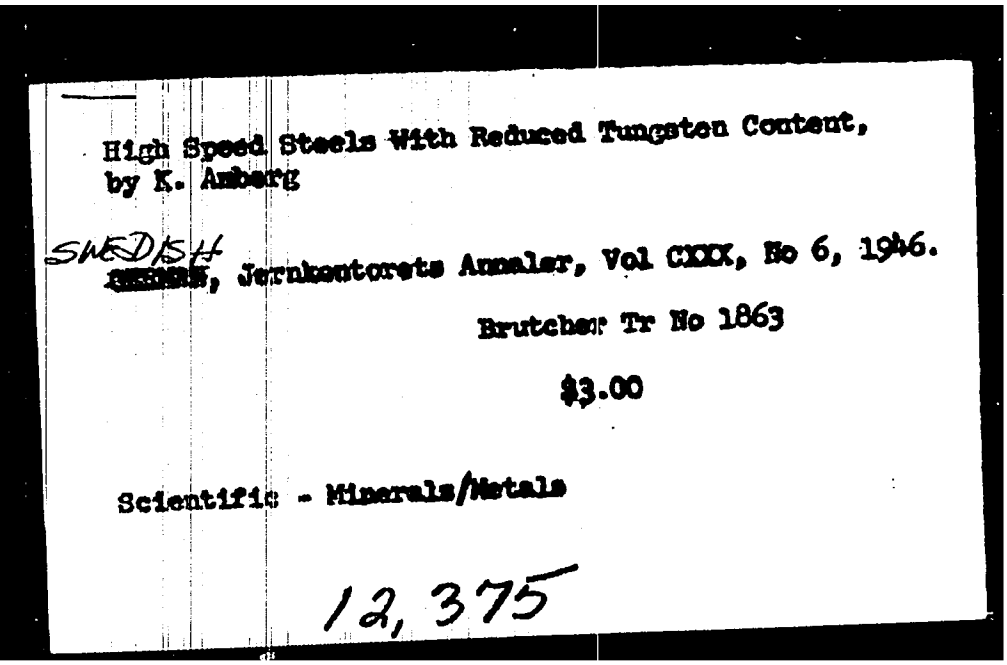

High Speed Steels With Reduced Tungsten Content,
by K. Amberg

SWEDISH
[redacted], Jernkontorets Annaler, Vol CXXX, No 6, 1946.

Brutcher Tr No 1863

$3.00

Scientific - Minerals/Metals

12,375

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Oxidation and Decarburization by Heating and Rolling, by G. Wallquist. UKCL

SWEDISH, per, Jernkont Ann, Vol CXXXII, No 5, 1948, pp 123-174; No 6, pp 175 212.

British Iron and Steel Ind
(no number given)

Sci - Chem
Sep 59

98,427

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Influence of Small Lead Contents on Behavior of Austenitic Stainless Steel in Forging and Rolling, by S. Bergh.

SWEDISH

, per, Jernkontorets Annaler, Vol CXXXXI, No 6, 1948, pp 213-220.

Brutcher Tr No 2215

Scientific - Min/Metals $1.50

13,997

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

A Vacuum Induction Furnace, by R. Kiessling.
UNCL

SWEDISH, per, Jernkont Ann, Vol CXXXII, No 7, 1948, pp 237-242.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98.255

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Aging of Steel, by B. D. Enlund. 12 p.
SWEDISH, per, Jernkontoret, Vol 133, No 1, 1949
SLA TT-66-10456 pp 1-28

Sci-M&M
Jul 66

306,075

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Stress Corrosion Cracking of Stainless Steel, by Holmer Hathorst.

IV

SWEDISH, per, Jernkontorets Annaler, Vol CXXXIV, No 3, 1950, pp 97-133.

*Navy, 1289/BuShips 632

Sci - Min/Met

Jun 57

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

The Electrolytic Extraction of Manganese, by Bengt Sandberg, 23 pp. UNCLASSIFIED

Full translation.

SWEDISH

[redacted], par, Jernkontorets Annaler Arg, 134 H4, 1950.

CIA/FDD/K-916

Scientific - Chemistry
Jun 53 CHS/DEK

2679

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Fracture Grain Size, Austenite Grain Size, and Martensite Structure, by D. D. Ehlund,

SWEDISH
[redacted], per, Jernkontorets Annaler, Vol CXXXIV, No 11, 1950, pp 553-555.

Brutcher No 3207
$1.75

40,668

Sci - Min/metals

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Is Proeutectoid Ferrite or Cementite Continuous With Pearlite Ferrite or Pearlite Cementite?, by S. Modin.

Full translation.

SWEDISH
~~Finn~~, per, Jernkontorets Annaler, Vol CXXXV, No 4, 1951, pp 169-174.

Brutcher Tr 2310

Scientific - ASM Metallographic exhibit, paper, grand prize

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Investigation of the Deformation Resistance in Metals and Alloys, by G. Wallquist.
SWEDISH, per. Jernkon Ann, Vol 135, No 6, 1951, pp 197-218.
BISI 6030
NLL Rec 962216 (6030)

Sci-Int
Sep 68

365.621

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Cold Rolling of Steel Strip, by C. Sebardt.

SWEDISH, por, Jernkontorets Ann, Vol CXXXV, No 7, 1951.

ASLIB-GB70

Sci

Aug 58

71,710

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Isothermal Transformation of Austenite, by Hultgren et al. UNCLASSIFIED

SWEDISH, per, Jernkontorets Ann, 1951, Vol CXXXV, pp 403-494.

Co-op Tr Scheme
Tr 734
(L3.10.0)

Sci - Phys
Apr 58

62,667

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

How to Obtain Good Micrographs at High Magnification. Some Optical Points of View, by S. Modin, L. E. Eriksson

SWEDISH
~~DUTCH~~, per, Jernkontorets Annaler, Vol CXXXVI, No 1, 1952, pp 1-8.

Brutcher Tr 3275
$4.80

38,519

Sci - Min/Metals
Sep 56 CTS

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Rock Drilling by Carbide Tipped Drills, by T. Ekstam
E . Ryd.

SWEDISH, per, Jernkontorets Annaler, Vol CXXXVI,
No 5, 1952, pp 41-58.

CRL/T.881

Sci
Dec 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Research on Products of the Attack on Silico-Aluminous Refractories by Liquid Steel, by T. Wahlberg, L. Fredholm. UNCL

SWEDISH, per, Jernkont Ann, Vol CXXXVII, No 1, 1953, pp 1-26.

British Iron and Steel Inst
(no number given)

Sc1 - Min/met
Sep 59

48 425

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Large Silicate Inclusions in Acid Open-Hearth Ball Bearing Steel During Different Stages of the Heat, by S. Baeckstrom, 13 pp.

SWEDISH, per, Jernkontoret [Stockholm], Annaler, Vol. CXXXVII, No 4, 1953, pp 117-126.

SLA 60-10299

Sci

Jun 60

118,940

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Determination of Coarse Slag Inclusions in High Carbon Steel, by Gevert Helmer, 11 pp.

SWEDISH, per, Jernkontoret [Stockholm], Annaler, Vol CXXVII, No 4, 1953, pp 128-138.

SLA 60-10298

Sci

Jun 60

118,342

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Spectrographic Determination of Lead in Ferro-titanium, by A. Larsson

SWEDISH

[redacted], per, Jernkontorets Annaler, Vol CXXXVII, No 6, 1953, pp 191-193.

Brutcher No 3837
$2.40

41,421

Sci - Min/Metals
Dec 56 CTS

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Tough-to-Brittle Transition Temperatures and Aging Characteristics of Titanium-Stabilized Low-Carbon Steels, by A. Josefsson, B. Nelson

SWEDISH

~~DUTCH~~, per, Jernkontorets Annaler, Vol CXXXVII, No 10, 1953, pp 725-743.

Brutcher No 3846
$9.90

42,893

Sci - Min/Metals
Jan 57 CTS

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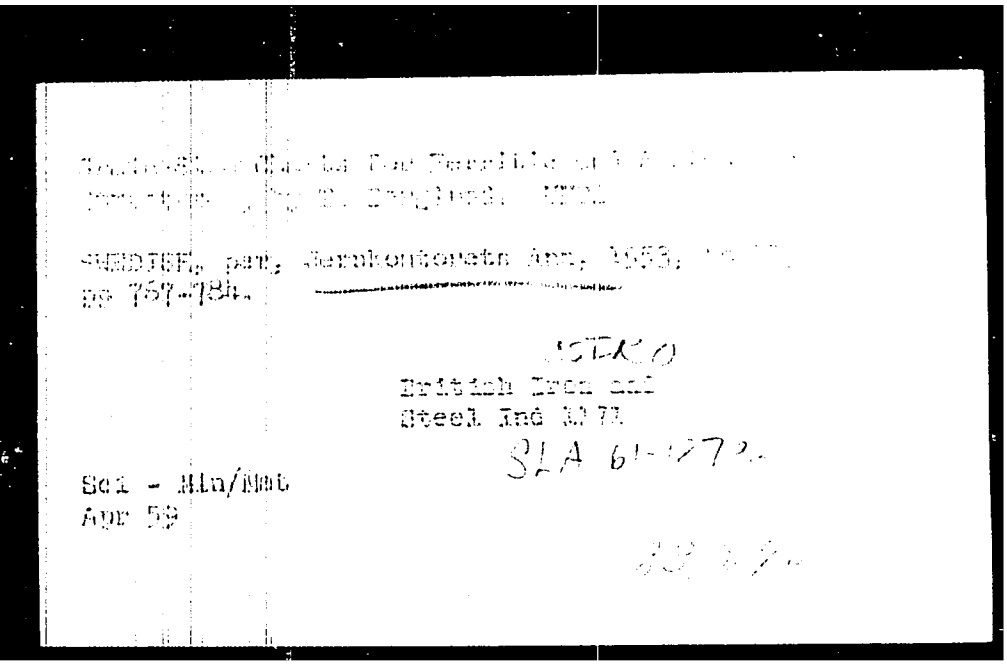

[illegible] Data for Possible [illegible]
[illegible] by D. Bergland. 1952

SUBTOT, pam, Bernkoniaetn Ann, 1953,
pp 757-784.

STEEL
British Iron and
Steel Ind 1.77
SLA 61-1772.

Sci - Min/Met
Apr 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Diffusion of Carbon in the Different Phases of Carbon Steel, by H. Hillert, R. D. Sharp. SWEDISH, per, Jernkont. Ann., Vol 137, Nov., 1953, pp 785-790.
BISI 4876

Sci-Materials
Oct 66 310,490

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Spectrophotometric Determination of Aluminium in Steel, by E. Arnvelt, et al. UNCL

SWEDISH, per, Jernkontorets Annaler, Vol CXXXVII, 1953, pp 819-826.

British Iron and Steel Ind
(no number given)

Sci - Phys
Sep 59

98/175

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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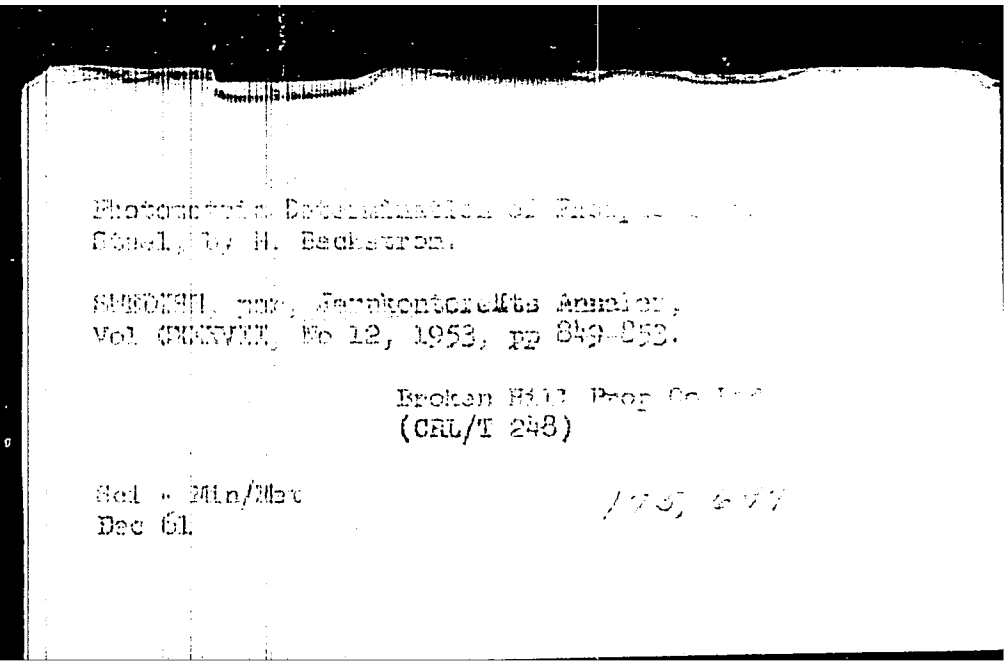

Photometric Determination of Fast
Gaul, J. H. Beckstrom.

SPECTRO, Jan, Pemphonscelfts Analyst,
Vol (illegible), No 12, 1953, pp 849-853.

Broken Hill Prop Co Ltd
(CRL/T 248)

Sol - Min/Met
Dec 61.

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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SWEDISH, per, Jernkontor. Ann., Vol CXXXVIII, No 1, 1954.

TPA3/TIB
T 4297

20,214

Scientific - Min/Metals Dec 1954 CIS

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Direct-Reading Spectrographic Determination of Phosphorus in Steel and Iron Ore, by C. Georg Carlsson, Lars Danielsson, 20 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII, No 7, 1954, pp 383-403.

SLA 60-18662

Sci

Apr 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Direct-Reading Spectrographic Determination of Phosphorus in Steel and Iron Ore, by C. Georg Carlsson, Lars Danielsson, 20 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII, No 7, 1954, pp 383-403.

SLA 60-18662

Sci

146,127

Apr 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Calculation of Roll Pressure and Energy Consumption in Hot Rolling, by Gunnar Wallquist, 27 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII, No 9, 1954, pp 539-572.

SLA 60-13663

Sci

Apr 61

146,163

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

[redacted]

High Temperature Chemistry, by L. G. Sillen, 26 pp.

SWEDISH, per, Jernkontorets Ann, Vol 138, No 12, 1954, pp 759-778.

SLA TR 57-2000

Sci

65,780

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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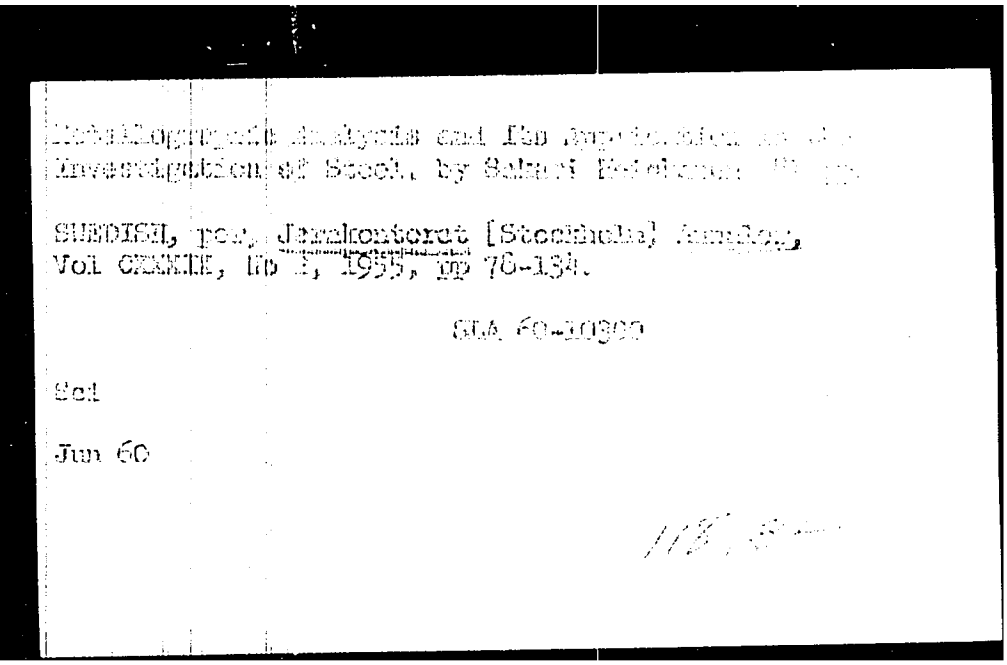

Metallographic Analysis and Its Application to the Investigation of Steel, by Sakari Pellonpaa, 93 pp.

SWEDISH, pub, Jernkontoret [Stockholm] Annaler, Vol CXXXIX, No 1, 1955, pp 76-134.

SLA 60-10909

Sci

Jun 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

A Special Type of Ingot Cracks Resulting From Certain Impurities in Steel, by P. Björnson, H. Nathorst.

SWEDISH, per Jernkontorets Annaler, Vol CXXXIX, 1955, pp 422-438.

Henry Brutcher
Tr No 3880
$1.90 45,132

Sci - Min/Metals
Mar 1957 CTS/dex

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Swedish Rolling Mills (Fagersta Stockel Mill, Sandvikens and Hagfors' Semi-Continuous Mills), by B. Rydmgen. UNCL

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955, pp 636-640, 647-686, 692-695.

British Iron and Steel Ind
(no number given)

78 373

Sci - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Swedish Rolling Mills (Fagersta Steckel Mill, Sandviken and Hagfors' Semi-Continuous Mills), by S. Rybagen. UNCL

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955, pp 636-640, 547-686, 692-695.

British Iron and Steel Ind
(no number given)

78,373

Sel - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Swedish Rolling Mills (Fagersta Steckel Mill, Sandviken and Hagfors' Semi-Continuous Mills), by B. Rybnigen. UNCL

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955 pp 636-640, 647-686, 692-695.

British Iron and Steel Ind
(no number given)

98 375

Sel - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Biotechnology - a Neglected Production Factor,
by Sobaret. UNCLASSIFIED

SWEDISH, Jernkontorets Annaler, No 10, 1959,
pp 805-816.

Iron and Steel Inst Tr 596
(ES)

61-18725

Sci - Engr; Mech
Aug 58

71,724

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Physiological Viewpoints on Working Positions and Work Kinetics, by Astrand, P. UNCLASSIFIED

SWEDISH, per, Jernkontorets Annaler, No 10, 1955, pp 817-828.

Iron and Steel Inst Tr 954
(L3.10.0)

61-18402
71,722

Sci - Med
Aug 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Backache - Preventative Measures - Working Positions, by Ahlegren. UNCLASSIFIED

Svenskt, pp, Jernkontorets Annaler, No 10, 1957, pp 329-346.

Iron and Steel Inst Tr 255 (11.10.9)

Sci - Med
Aug 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Determination of Carbon and Sulphur in the Same Sample (of Steel), by Bjerkerud.

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955 pp 847-852.

Co-op Tr Sch Tr 720

Sci - Min/met, Chem
Feb 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Forces and Work During Hot Sawing, by
G. Wallquist. J
Stahl. per. Hernkont. Ann., Vol 140, No 1,
'56, pp 5-23.
BISI 4353

Sweden/NE
Sci/M&M
Apr 66

298,911

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Spectrographic Solution Methods for the Analysis of Slags, by S. Bergenfelt.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, No 1, 1956, pp 75-80; Vol CXLI, No 4, 1957, pp 231, 232.

Brutcher Tr 3879
$4.80

Sci - Chemistry

57,030

Jan 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Reduction Structures of Iron Powders, by J. O. Rx Edstrom.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, No 2, 1956, pp 116-129.

Brutcher Tr 3886
$5.85

60,360

Sci - Physics
Mar 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Reduction Experiments on Steep-Rock Ore, by J. O. Edström.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, N No 2, 1956, pp 130-136.

Brutcher Tr 3842
$2.90

Sci - Min/Met

57,025

Jan 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

The Magnitude of the Mill Spring in Hot Rolling, by G. Wallquist, K. Gedin.

SWEDISH, per. Jernkontorets Ann, Vol CXL, 1956, pp 155-187.

ASLIB-GB41

Sci
Aug 59

94,565

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Surface Conditioning of Ingots and Billets, by G. Kihlgren.

SWEDISH, per, Jernkontonets Annaler, Vol CXL, No 4, 1956, pp 314-344.

BIBI 2159

Sci - Min/Metals

Sep 61

list 110

168,501

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Tests to Determine Carbon and ~~Sulp~~ Sulphur in a Combustion Furnace With H.F. Heating, by Elgh.

SWEDISH, per, Jernkontorets Ann, Vol CXL, No 5, 1956, pp 373-385.

Co-op Tr Sch Tr 585
(£2.5.0)

57, 690

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Polarization Measurements for Improved Pickling Practices in Steel Industry, by K. H. Brakstad.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, No 7, 1956, pp 512-519.

Henry Brutcher
Tr 3907
$5.85

Sci - Min/Metals, metalwork 50,690
Aug 57

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Stress Corrosion of Austenitic Stainless Steels in Low-Pressure Steam and in Hot Water, by S. Brennert, H. Hatherst.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, No 11, 1956, pp 839-853.

Henry Brutcher 3831
$9.30

Sci - Chem

Jan 59

79,600

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Radiological Thickness Gauging in Hot Rolling,
by Warrol, Wahlberg. UNCLASSIFIED
H. B.
SWEDISH, per, Jernkontorets Ann, No 12, 1956,
pp 907-929.

Iron and Steel Inst
Co-op Tr ~~Sch~~ Sc
Tr 930

61-12359

Sci - Min/Met
Aug 58

68,333

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The Influence of Mill Spring on the Dimensions of the Rolled Product, by H. Harrol. UNCL

SWEDISH, per, Jernkont Ann, Vol CXLI, No 1, 1957, pp 28-35.

British Iron and Steel Inst
(no number given)

98, 137

Sol - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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Apparatus for Determination of Hydrogen in Steel, by Bjorkegud.

SWEDISH, per, Jernkontorets Ann. Vol CXLI, 1957. pp 90-93.

Co-op Tr Serv Tr 613
(2.10.0)

55,867

Sci - Engr
Nov 57

Butcher Tr 4027 and 4028
#3.75 #4.40

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Refining of Steel With Oxygen in a Rotating Furnace by the 'Kaldo' Process, by B. Kalling, F. Johansson.

SWEDISH, per, Jernkontorets Annaler, Vol CXLI, No 4, 1957, pp 189-205.

Hrutcher Tr 4025
$9.50

Sci - ME Min/Met

57,031

Jan 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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A Process of Direct Reduction of Iron Ore Concentrate by Carbon Monoxide Without Fusion, by O. Stelling, I. Pereswetoff-Morath.

SWEDISH, mo per, Jernkontorets Annaler, Vol CXLI, No 5, 1957, pp 237-260.

Henry Brutcher
No 4000
$15.80

53,195

Scl - Chem; Min/Metals
Sep 57

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Method of Determining the Toughness of Brittle Materials, Particularly Sintered Carbides, by S. Palmqvist.

SWEDISH, per, Jernkontorets Annales, Vol CXLI, 1957, pp 300-307.

BISI 1865

Sci - Min/Met

148,126

May 61

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New Experimental Results Concerning the Importance of the Surface Effect on Fatigue, by O. Lissner. UNCLASSIFIED

SWEDISH, por, Jernkontorets Ann, Vol CXLI, No 7, 1957, pp 380-389.

Iron and Steel Inst Tr 996
(53.0.6)

71, 745

Sci - Min/Met
Aug 58

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Stress Relief of Stainless Strip by Tempering, by Kazinczy. UNCLASSIFIED

SWEDISH, per, Jernkontorets Ann, No 1, 1958, pp 5-14.

Brutcher Tr

Sci - Min/Met
Aug 58

68, 34

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Manufacture of Sponge Iron by the
Wiberg-Soderfors Process, by H.
Kihlander.

SWEDEN, Jernkontorets Annaler,
Vol CXLII, 1958, pp 93-104.

Broken Hill Prop Co Ltd
(CSL/2 211)

Sel - Engr
Dec 61

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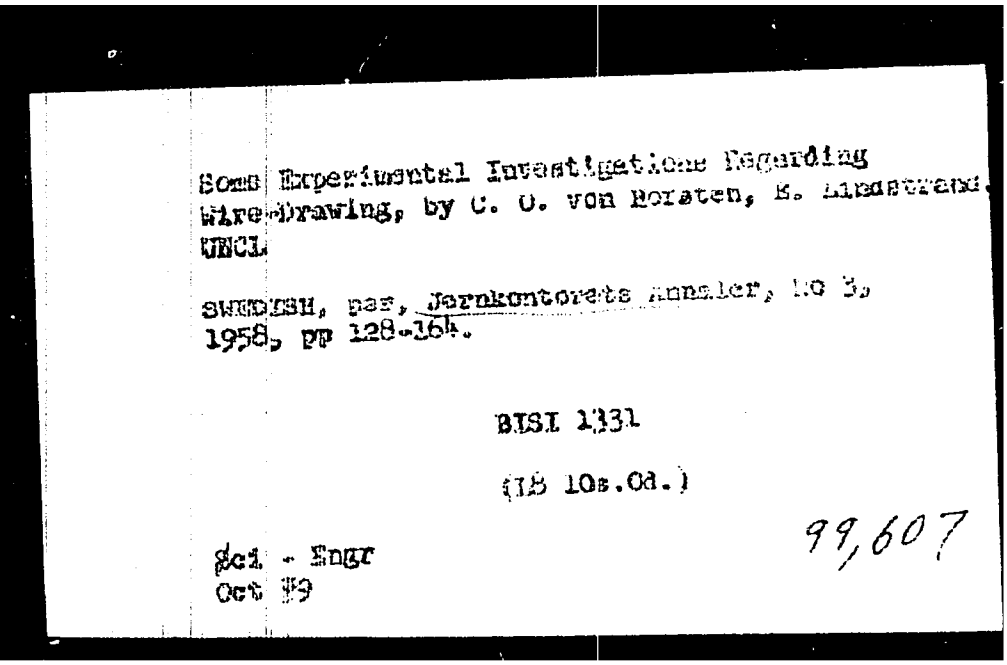

Some Experimental Investigations Regarding Wire-Drawing, by C. O. von Horsten, E. Lindstrand, UNCL

SWEDISH, pas, Jernkontorets Annaler, No 3, 1958, pp 128-164.

BISI 1331

(IB 10s.0d.)

99,607

Sci - Engr
Oct 59

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

X-Ray Fluorescence Analysis of Hard Metals and Carbides for the Production of Hard Metal, by L. Peterson.

SWEDISH, per, Jernkontorets Annaler, Vol CXLII, No 4, 1958, pp 203-208.

[redacted]
Broken Hill Prop Co Ltd
(CRL/T.664)

Sci - Phys
Apr 62

191, 420

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

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THE ISOTHERMAL TRANSFORMATION OF AUSTENITE IN CARBON STEELS CONTAINING 0.50% C AND 0.18% C, BY S. MODIN.

SWEDISH, PER, JERNKONTORETS ANNALER, VOL CXLII, NO 4, 1958, PP 209-211.

BISI 2951

SCI - M/M

OCT 62

LIST 153

214,820

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Some New Sponge Iron Processes, by M. Wiberg.
UNCL.

SWEDISH, per, Jernkont Ann, No 6, 1958,
pp 289-355.

Henry Brutcher 4615

Sci - Min/Met
Sep 59

96,492

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Water Economy in Iron and Steelworks Undertakings, by F. Wesemann,

SWEDISH, per, Jernkontorets Annaler, No 6, 1958, pp 271-288.

EISI 1047

NoEur - Sweden

Econ

Jul 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Use of Radioactive Isotopes in the Mining and the Iron and Steel Industries, by I.-G. Ersall.
SWEDISH, per. Jernkont Ann, Vol 142, No 7, 1958, pp 369-397.
BISI 5925

Sci-Mat
Feb 68

349,026

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

The Hot Torsion Test as a Method of Assessment of the Forgeability of Steel, by G. Wallquist, J. C. Carlen. UHCL

SWEDISH, per, Jernkont Ann, No 1, 1959, pp 1-28.

BISI 1495

(L7 15s.Od.)

Sci - Mtn/Met
Feb 60

109,467

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

Folke, G. and Nygren, E.
DECOMPOSITION OF MARTENSITE IN IRON-CARBON ALLOYS. [1962] 11p. (figs. tables Eng. refs. omitted) 4 refs.
Order from SLA $1.60 62-16986

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden) 1955. v. 139, no. 4. p. 250-264.

DESCRIPTORS: *Carbon alloys, *Iron alloys, *Martensite, Decomposition, X-ray diffraction analysis, *Steel.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 1)

62-16986

I. Folke, G.
II. Nygren, E.

Office of Technical Services

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A Study of the Influence of Different Factors on Rockwell C. Tests, by K. F. Lindstrand. UNCL

SWEDISH, per, Jernkont Annaler, Vol CXLIII, No 1, 1959, pp 29-35.

English translation
Available Free From:

The Editor,
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Kungstradgardsgatan 6,
Stockholm C., Sweden

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Automatic Control of Production Processes in Iron- and Steelworks, by S. Edling.

SWEDISH, per, Jernkontorets Annaler, No 8, 1959, pp 457-486.

BISI 1884

Sci - Engr

Jan 61

136,078

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890008-1

The Shaking Ladle, a New Metallurgical Tool, by
S. [redacted] Eketorp. UNCL

SWEDISH, per, Jernkont Annaler, No 8, 1959,
pp 487-507.

HB 4760
AT 105-
(L 7 [illegible]-0) 103,077

Engr
Sci & Tech Div
Dec 59

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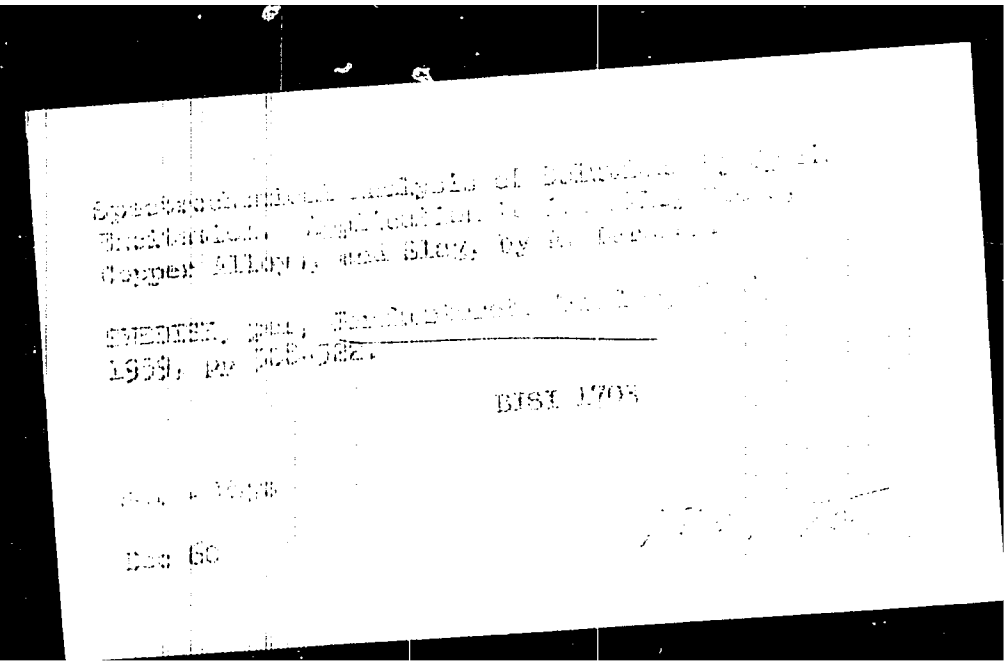

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